

**METHOD OF MAKING A NARROW POLE TIP
BY ION BEAM DEPOSITION**

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ABSTRACT OF THE DISCLOSURE

A method of making a magnetic head assembly wherein the magnetic head assembly has a write head with a pole tip includes the steps of forming a shaping layer on an underlying layer wherein the shaping layer has a side surface and a top surface, ion beam sputter depositing a ferromagnetic material layer on the underlying 10 layer and on the side and top surfaces of the shaping layer and removing first and second portions of the ferromagnetic material layer from the underlying layer and the top surface of the shaping layer, respectively, leaving a remaining portion of the ferromagnetic material layer on the side surface of the shaping layer which is the aforementioned pole tip.

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